

								REGISTERED PROFESSIONAL ENGINEER SEAL
ITEM	REVISIONS	BY	CHK. BY	DATE	DRAWN BY:	DATE :	歸 HARDY ENGINEERING, INC.	DWG NAME: EQUIPMENT ELEVATION
					S.E. WOMACK	12-18-08	E HAMDI ENGINEEMING, INC.	STANDARD DRAWING
			+		CHECKED BY :	DATE :	ENGINEERING AND CONSULTING	FOR
					T.L. HARDY	12-19-08	209 LINDEN STREET, P.O. BOX 708	POWERTEL / MEMPHIS, INC.
					APPROVED BY :	DATE :	TRUSSVILLE, AL 35173	LOUISVILLE, KENTUCKY
					Mil 2 Marie La Mar		PHONE: (205) 655-1427 FAX: (205) 661-9027	C4 NOT TO SCALE UMS NO. C4

TATE OF KENTU

TIMOTHY L HARDY 20374

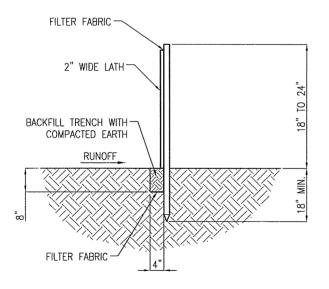
## **INSTALLATION:**

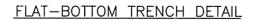
- 1. THE FENCE SHOULD BE PLACED ACROSS THE SLOPE ALONG A LINE OF UNIFORM ELEVATION (PERPENDICULAR TO THE DIRECTION OF THE FLOW). THE FENCE SHOULD BE LOCATED AT LEAST 10'-0" FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEANOUT.
- 2. A FLAT-BOTTOM TRENCH APPROXIMATELY 4" WIDE AND 8" DEEP, OR A V-SHAPED TRENCH 8" DEEP SHOULD BE EXCAVATED.

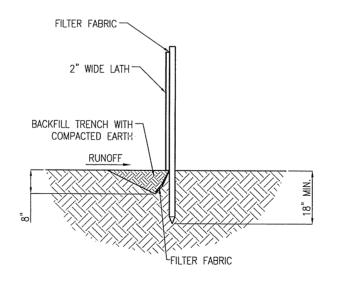
  ON THE DOWN SLOPE SIDE OF THE TRENCH, DRIVE THE 2" x 2" WOOD POSTS AT LEAST 18" INTO THE GROUND, SPACING THEM NO FURTHER THAN 6'-0" APART.
- 3. POSTS SHOULD BE INSTALLED, WITH 1" TO 2" OF THE POST PROTRUDING ABOVE THE TOP OF THE FABRIC AND NO MORE THAN 3'-0" OF THE POST SHOULD PROTRUDE ABOVE THE GROUND. THE MINIMUM FENCE HEIGHT (HEIGHT OF FILTER FABRIC ABOVE GRADE) SHALL BE 18". THE MAXIMUM FENCE HEIGHT (HEIGHT OF FILTER FABRIC ABOVE GRADE) SHALL BE 24 INCHES.
- 4. THE FILTER FABRIC SHOULD BE PURCHASED IN A CONTINUOUS ROLL AND CUT TO LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHOULD BE WRAPPED TOGETHER ONLY AT A SUPPORT POST WITH BOTH ENDS SECURELY FASTENED TO THE POST, WITH A MINIMUM 6" OVERLAP.
- 5. EXTRA-STRENGTH FILTER CLOTH (50 POUNDS / LINEAR INCH MINIMUM TENSILE STRENGTH) SHOULD BE USED. A 2" WIDE LATHE SHALL BE STAPLED OVER THE FILTER FABRIC TO SECURELY FASTEN IT TO THE UPSLOPE SIDE OF THE POSTS. THE STAPLES USED SHOULD BE 1.5" HEAVY-DUTY WIRE STAPLES SPACED A MAXIMUM OF 8" APART.
- 6. PLACE THE BOTTOM 12" OF THE FILTER FABRIC INTO THE 8" DEEP TRENCH, EXTENDING THE REMAINING 4" TOWARDS THE UPSIDE OF THE TRENCH AND BACK FILL THE TRENCH WITH SOIL OR GRAVEL AND COMPACTED.

## INSPECTION AND MAINTENANCE:

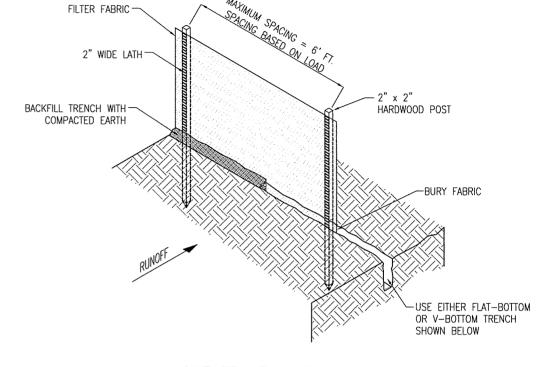
- 1. INSPECT SILT FENCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2" OR MORE OF PRECIPITATION.
  CHECK FOR AREAS WHERE RUNOFF HAS ERODED A CHANNEL BENEATH THE FENCE, OR WHERE THE FENCE WAS CAUSED TO SAG OR COLLAPSE BY RUNOFF OVER TOPPING THE FENCE.
- 2. IF THE FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY OTHER WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF FENCE IMMEDIATELY.
- 3. SEDIMENT MUST BE REMOVED WHEN IT REACHES APPROXIMATELY 1/3 THE HEIGHT OF THE FENCE, ESPECIALLY IF HEAVY RAINS ARE EXPECTED.
- 4 SILT FENCE SHOULD BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER TEMPORARY BMPs ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHOULD BE REMOVED OR STABILIZED ON SITE. DISTURBED AREAS RESULTING FROM FENCE REMOVAL SHALL BE PERMANENTLY STABILIZED.



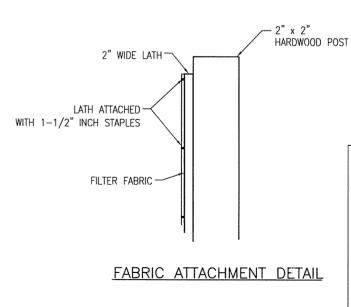




V-SHAPED TRENCH DETAIL



## SILT FENCE INSTALLATION





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ITEM	REVISIONS	BY   (	CHK. BY	DATE	DRAIN BY :	DATE :	DWC NAME:	SILT FENCE DETAILS & NOTES
					S.E. WOMACK	12-18-08	爬 HARDY ENGINEERING, INC.	
					CHECKED BY :	DATE :		STANDARD DETAILS
						10 10 00	ENGINEERING AND CONSULTING	POWERTEL / MEMPHIS, INC.
					T.L. HARDY	12-19-08	209 LINDEN STREET, P.O. BOX 708	POWERTEL / MEMPHIS, INC. LOUISVILLE, KENTUCKY
					APPROVED BY :	DATE :	TRUSSVILLE, AL 35173	FOOISAIFFE' WEIALOCKL
							PHONE: (205) 655-1427 FAX: (205) 661-9027 CAD NO: L\	/1125_C12   SCALE: NTS   DWG No. C12